

# Formaldehyde

50-00-0 | DTXSID7020637

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.93	22.5	0.93	22.1	0.93	22.1

Model Results

Predicted value: -19.9 °C

Global applicability domain: Inside

Local applicability domain index: 5.60e-01

Confidence level: 5.25e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Formaldehyde</div> <div>Measured: -19.1</div> <div>Predicted: -19.9</div>	<div>Image not found</div> <div>Dimethyl ether</div> <div>Measured: -24.8</div> <div>Predicted: -26.1</div>	<div>Image not found</div> <div>Acetaldehyde</div> <div>Measured: 20.1</div> <div>Predicted: 23.9</div>
<div>Image not found</div> <div>Ethylene oxide</div> <div>Measured: 10.6</div> <div>Predicted: 11.9</div>	<div>Image not found</div> <div>Ethylene</div> <div>Measured: -104</div> <div>Predicted: -71.5</div>	